IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,633,851 B2
Issue Date : December 15, 2009
Inventors : Simone Mazzoni et al.

Docket No. : 859063.462C1
Date : September 1, 2010

Mail Stop Certificate of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents:

A certificate of correction is respectfully requested in the above-identified patent. The following errors have been made:

In the specification, column 1, line 25, the line "ficients $A_1.e^{j}\phi 1$ to $A_N.e^{j}\phi N$. Each coefficient $A_i.e^{j}\phi i$, where i" should read --ficients $A_1.e^{j\phi_1}$ to $A_N.e^{j\phi_N}$. Each coefficient $A_i.e^{j\phi_i}$, where i--.

In the specification, column 1, line 27, the line "frequency or tone f_i. The transform of a coefficient $A_i.e^{j}\phi i$ is a" should read --frequency or tone f_i. The transform of a coefficient $A_i.e^{j\phi_i}$ is a--.

In the specification, column 1, line 34, the line "obtained by IFFT of coefficients $A_2.e^{j}\phi 2$ and $A_N.e^{j}\phi N$," should read --obtained by IFFT of coefficients $A_2.e^{j\phi_2}$ and $A_N.e^{j\phi_N}$,--.

In the specification, column 1, line 36, the line "An IFFT of the group of coefficients $A_i.e^{j}\phi i$ is formed by" should read --An IFFT of the group of coefficients $A_i.e^{j\phi_i}$ is formed by--.

In the specification, column 1, line 38, the line "IFFT of each of coefficients $A_i.e^{j}\phi i$ for i included between 1" should read --IFFT of each of coefficients $A_i.e^{j\phi_i}$ for i included between 1--.

In the specification, column 1, line 55, the line "cyclic prefix of τ samples. The complex coefficients $A_i.e^{j}\phi i$" should read --cyclic prefix of τ samples. The complex coefficients $A_i.e^{j\phi_i}$ --.

In the specification, column 3, lines 38-40, the lines "cients $A_1.e^{j}\phi 1$ to $A_N.e^{j}\phi N$ multiplied according to the present invention by respective shifting coefficients $e^{jK}1^{\tau}$ to $e^{jK}N^{\tau}$. Multiplying a coefficient $A_i.e^{j}\phi i$ by a complex coefficient $e^{j\Delta\phi}$" should read --cients $A_1.e^{j\phi_1}$ to $A_N.e^{j\phi_N}$ multiplied according to the present invention by respective shifting coefficients $e^{jK_1\tau}$ to $e^{jK_N\tau}$. Multiplying a coefficient $A_i.e^{j\phi_i}$ by a complex coefficient $e^{j\Delta\phi}$--.

In the specification, column 3, line 47, the line "cients $A_1.e^{j}\phi 1$ to $A_N.e^{j}\phi N$ are phase-shifted so that the corre-" should read --cients $A_1.e^{j\phi_1}$ to $A_N.e^{j\phi_N}$ are phase-shifted so that the corre---.

In the specification, column 3, line 50, the line "each coefficient $A_i.e^{j}\phi i$ is multiplied by a coefficient $e^{jK}i^{\tau}$," should read --each coefficient $A_i.e^{j\phi_i}$ is multiplied by a coefficient $e^{jK_i\tau}$,--.

In the specification, column 3, line 52, the line "sinusoid sections corresponding to coefficients $A_i.e^{j}\phi i.e^{jK}i^{\tau}$," should read --sinusoid sections corresponding to coefficients $A_i.e^{j\phi_i}.e^{jK_i\tau}$,--.

In the specification, column 3, line 55, the line "Coefficients $e^{jK}i^{\tau}$ are predetermined, and they can for" should read --Coefficients $e^{jK_i\tau}$ are predetermined, and they can for--.

In the specification, column 3, line 61, the line "coefficients $A_i.e^{j}\phi i$ for $i\in[1, N]$ are provided to IFFT circuit 12" should read --coefficients $A_i.e^{j\phi_i}$ for $i\in[1, N]$ are provided to IFFT circuit 12--.

In the specification, column 3, line 64, the line "$e^{jK}i\tau$" should read --$e^{jK_i\tau}$--.

In the claims, issued claim 1, column 4, line 56, the line "second number (N-n) of samples starting at an intermediate" should read --second number (N-n+1) of samples starting at an intermediate--.

In the claims, issued claim 5, column 5, line 28, the line "second number (N-n) of samples starting at an intermediate" should read --second number (N-n+1) of samples starting at an intermediate--.

In the claims, issued claim 5, column 5, line 37, the line "proportional respective the frequency with which it is" should read --proportional to the respective frequency with which it is--.

Issued claim 5 appears as claim 6 during prosecution.

The errors are of a clerical nature, are of minor character, would not constitute new matter or require reexamination, and were made in good faith.

Attached is the certificate of correction, which indicates the corrections to be made, by reference to the column and line numbers in the printed patent. The Director is hereby authorized to charge payment of any fees associated with this communication to Deposit Account No. 19-1090.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC

/Robert Iannucci/
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Registration No. 33,514

RXI:tt

Enclosure:
Certificate of Correction

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PATENT NO : 7,633,851 B2
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INVENTORS : Simone Mazzoni et al.

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Column 1, line 25

The line "ficients $A_1.e^{j}\phi 1$ to $A_N.e^{j}\phi N$. Each coefficient $A_i.e^{j}\phi i$, where i" should read -- ficients $A_1.e^{j\phi_1}$ to $A_N.e^{j\phi_N}$. Each coefficient $A_i.e^{j\phi_i}$, where i--.

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The line "obtained by IFFT of coefficients $A_2.e^{j}\phi 2$ and $A_N.e^{j}\phi N$," should read --obtained by IFFT of coefficients $A_2.e^{j\phi_2}$ and $A_N.e^{j\phi_N}$,--.

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The line "cyclic prefix of τ samples. The complex coefficients $A_i.e^{j}\phi i$" should read --cyclic prefix of τ samples. The complex coefficients $A_i.e^{j\phi_i}$ --.

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Column 3, line 47

The line "cients $A_1.e^{j}\phi 1$ to $A_N.e^{j}\phi N$ are phase-shifted so that the corre-" should read --cients $A_1.e^{j\phi_1}$ to $A_N.e^{j\phi_N}$ are phase-shifted so that the corre--.

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Column 3, line 61

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Column 3, line 64

The line "$e^{jK}i\tau$" should read $-e^{jK_i\tau}$ --.

Column 4, line 56

The line "second number (N-n) of samples starting at an intermediate" should read --second number (N-n+1) of samples starting at an intermediate--.

Column 5, line 28

The line "second number (N-n) of samples starting at an intermediate" should read --second number (N-n+1) of samples starting at an intermediate--.

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The line "proportional respective the frequency with which it is" should read --proportional to the respective frequency with which it is--.

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